

The Mechanism of the Setting of Gypsum in the
Presence of Various Additions, by V. B. Ratinov,
Y. L. Zabezhinskiy, T. I. Rosenberg, 5 pp.

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pp 979-981.

SLA R-3387

Sci

Aug 59

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Silica Gel and

Study of the Reaction of Adsorbed Organic
Molecules with the Acid Centers on the Surface
of ~~Silica-Gel~~ *Ammonia* Gel by the Method of Infra-
red Spectra; by V. N. Filimonov, A. N. Terenin,
4 pp.

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pp 982-985, 1956.

Assoc Tech Serv 46H13R

Sci - Chem
Aug 58

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pp. 1009-1010. 9045517

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SECRET, Vol. CII, No. 6, 21 Aug 1950, pp 1093-
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Band T-70

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Sci - Physics

On the Stabilization of Bicalcium Silicate, by
G. V. Kukolev et al.

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No 5, 1956, pp 1012-1014.

Co-Op Trans Sch Tr 354
£1.4s.

Sci - Chem
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Oleynik, O. A.
ON DISCONTINUOUS SOLUTIONS OF NON-LINEAR
DIFFERENTIAL EQUATIONS. [1961] 9p. 6 refs.
Order from OTS or SLA \$1. 10 61-14982

Trans. of Akad[emiya] Nauk SSSR (Doklady) 1956,
v. 109, no. 6, p. 1098-1101.

DESCRIPTORS: *Non-linear differential equations,
*Partial differential equations, Theory, Equations.

(Mathematica. TT, v. 6, no. 2)

61-14982

I. Oleynik, O. A.

169711

Office of Technical Services

61-14980

I. Vvedenskaya, N. D.

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SOLUTION BY FINITE DIFFERENCES OF THE
CAUCHY PROBLEM FOR NON-LINEAR EQUATIONS
WITH DISCONTINUOUS INITIAL DATA [Resheniye
Zadachi Koshi dlya Nelineynogo Uravneyiya s
Razryvnymi Nachal'nymi Dannymi Metodom Konech-
nykh Raznostey]. [1961] 8p. 8 refs.
Order from OTS or SLA \$1.10 61-14980

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v. 111 [no. 3] p. 517-520.
Another translation is available from LC or SLA
mi\$2.40, ph\$3.30 or UCRL Trans-550(L) [1960] 11p.
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16956.

DESCRIPTORS: Non-linear differential equations,
Partial differential equations, Numerical methods
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Reflection and Transmission of 7.24μ Waves by Silica
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4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CIX,
No 6, Jul-Aug 1956, pp 1115-1118.

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Vol 10 I, No 4

OTS 63-10600

Sci - Phys
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Charged Pions With Nuclei, by A. G. Sitenko,

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
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Amer Inst of Phys
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The Number of Ice Crystals in Supercooled Water, by
D. N. Bibikov, 4 pp.

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Assoc Tech Serv - RJ-1059

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The Crystallisation of Supercooled Water Subject
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Bak Belyayev, 6 pp.

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1956, pp 1129-1132.

Assoc Tech Serv

HTS RJ-1156

Sci - Phys

Jul 58

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The Action of Reduced Atmospheric Pressure and of
Certain Gases Upon the Ticks Ornithodoros
Papillipes Birz, by E. H. Pavlovskiy, I. K. Terevskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLX, No 6,
Moscow, 1956, pp 1133-1135. CIA 9033760

USDA

Sci - Medicine
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The Extraction of Niobium, Tantalum and Titanium
Cupferrates, by I. P. alizarin, I. N. Gibalo, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIX,
No 6, pp 1137-1139.
Jul/Aug 1956,

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Sci - Chem

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Study of the Structure of Polymers by the Polarization
Method, by I. E. Korolkov, V. I. Shadrin, S. N. Gerasimova
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RUSSIAN, three-no per, Dok Ak Nauk SSSR, Vol CXX,
No 6, pp 1140-1143.
Jul/Aug 1955,

Consultants Bureau

Sci - Chem

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Thermal Stability of n-Paraffin Hydrocarbons Complexed with
Water Vapor, by L. M. Rozenberg, E. A. Terent'eva, A. S.
Kositskaya, A. V. Topchiev, 3 pp.

RUSSIAN, Thrice-co per, Dok Ak Nauk SSSR, Vol CLX,
No 6, Jul/Aug 1956, pp 1144-1146.

Consultants Bureau

Sci - Chem

56, 873

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62-16578

Shekhter, L. N., Myasnikov, I. A., and
Pshezhetskii, S. Y.
CORRELATION BETWEEN THE CATALYTIC
PROPERTIES OF ZINC OXIDE AND ZINC SULFIDE
AND THEIR LUMINESCENCE. [1962] 6p. (4 figs.
refs. omitted).
Order from OTS or SLA \$1.10 62-16578

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1956,
v. 109, no. 6, p. 1163-1166.

DESCRIPTORS: *Luminescence, *Sulfides, Oxides,
*Zinc compounds, Catalysis, *Semiconductors,
Conductivity, Crystals.

Experimental data show the existence of a linear
relationship between catalytic and luminescent prop-
ties of zinc oxide. These data confirm previous hy-
potheses on the nature of catalytic centers of zinc
oxide (at least in the relationship of the studied re-
(Physics--Solid State, TT, v. 8, no. 9) (over)

I. Shekhter, L. N.
II. Myasnikov, I. A.
III. Pshezhetskii, S. Y.

Office of Technical Services

(SF-175)

Theory of Optimal Processes, by V. G. Boltyanskiy,
R. V. Gamkrelidze, L. S. Pontryagin, 5 pp.

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JPRS 4645

TT-04 1213

Sci - Phys

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Jun 61

Energy Distribution of Incoherent Radiation From
Synchrotron Electrons, by Yu. M. Ado, P. A.
Cherenkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CX, No 1, 1956, p 35-

Amer Inst of Phys
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Vol I, No 3 5

Sci - Physics
Aug 57

Equations With Variational Derivatives and Distribution Functions for Systems With Complex Interaction, by L. P. Bazarov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CX, No 1, 1956, p 38-

Amer Inst of Phys
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Vol I, No 5

Sci - Physics
Aug 57

Pseudoscalar Interaction in Nonlinear Meson Theory,
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Amer Inst of Phys
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Sci - Physics
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X-ray Emission Spectra of Mn and Cu in a Heusler Alloy at Temperatures Around the Curie Point, by E. E. Vainshtein, B. I. Kotliar, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol 1 CX, No 1, 1956, pp 44-

Amer Inst of Phys
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Vol I, No 5

Sci - Physics
Aug 57

Reflection of Sound by Thin Rods in Water, by
L. M. Lyamshev, S. W. Rudakov, 3 pp.

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CIA/Z-355

Sci - Physics
May 57 CTS/dex

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R.S.I.T-251
Acoustic Physics
Soviet Physics - Acoustics
Vol I, 705
P. 5, 52

62-16671

Shuleikin, V. V.
ANALYSIS OF MEASUREMENTS OF LARGEST WIND-
CAUSED WAVES IN THE OCEAN (Analiz Izmerenii
Predel'no Bol'shikh Vetrovykh Voln v Okeane). [1962]
[11]p. (foreign text included) 6 refs.
Order from OTS or SLA \$1.60 62-16671

Trans. of Akademiya Nauk SSSR. Doklady, 1956,
v. 110, no. 1, p. 53-56.

DESCRIPTORS: Water waves, *Ocean waves, Wave
analysis, *Wind, Turbulence, Meteorology, Oceanog-
raphy, Marine meteorology, Measurement.

To determine the quantitative characteristics of wave
formation an analysis is made of the elements of the
largest waves in the ocean on the basis of previous
theoretical considerations (Akad. Nauk SSSR Doklady
104: 397, 1955). (See also 61-27499)
(Earth Sciences--Oceanography, TT, v. 9, no. 3)

I. Shuleikin, V. V.

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Effect of X-Rays on the Early Period of
Embryogeny, by V. I. Kheisina, 6 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CX, No 1,
1956, pp 57-60.
NIH 4-29-64

675-77-63 - 27823

Sci - Biol & Med
Jul 64

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The Measurement of Diffusion Coefficients by
the Method of Continuous Measurement, by V. P.
Vasil'yev, 4 pp.

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No 1, 1956, p 61.-65

CIA/FDD X-2478

DDF-V-123

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Sci - Physics
Jul 57

SLA R-1741

AEC TN 2972

AEC TN 171

DDF-V-123

Low Temperature Recrystallization of Metals,
by R. I. Garber, I. A. Gindin, V. S.
Kogan, B. G. Lazaryev, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CX, 1956, p 64.

AECT 2980
CIA/FDD X-2480

Sci - Chem; Physics
Jul 57

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CLH R-1756

~~Crystal~~ Crystal Structure of Dibenzoylferrocene,
by Yu. T. Struchkov, 7 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CX,
No 1, 1956, pp 67-70. P100006167
FTD-HT-66-500

Sci - SM7M
Feb 67

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Synthesis and Polymerization of Vinyl Derivatives of
the Furan and Thiphen Series, by I. V. Andreyeva,
M. M. Koten, 4 pp.

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No 1, Sep/Oct 1956, pp 75, 76.

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Sci - Chem

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Dec 57

Catalytic Demethylation of α -picoline to Pyridine
Under the Action of Water Vapor, by A. A. Balandin,
L. I. Sovalova, T. A. Slovokhotova, 5 pp.

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pp 79-82.

Assoc Tech Sv 73H13R

SLA 61-20577

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Sci - Chemistry
Oct 57

Complex Compounds of Divalent Platinum With
Aminobutyric Acid, by L. M. Volshtein, M. P.
Mogilavkina, 4 p.p.

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RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CX,
No 1, Sep/Oct 1956, pp 83-86.

Consultants Bureau

Sci - Chem

56, 656

Dec 57

Extrapolation of Dichloroacetylchlorides
and Methylation of Chloroisopropenylchlorides,
by A. D. Petrov, V. F. Mironov, V. G. Glukhovsky,
4 pp.

RUSSIAN, three-mo per, Dok Ak. Nauk SSSR, Vol CX,
No 1, 93-95.

Consultants Bureau

Sci - Chem

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Dec 57

Some Derivatives of Dimethylpropene, by A. V.
Topchikov, N. S. Kamshin, T. I. Chernysheva,
S. G. Durgaren, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CX,
No 1, Sep/Oct 1956, pp 97-100

Consultants Bureau

Sci - Chem

56,659

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Povarov, G. N.
TO THE MATHEMATICAL THEORY OF THE
SYNTHESIS OF $(1, k)$ TERMINAL SWITCHING
NETWORKS. [1961] [6p. 5 refs. MDF P-127.
Order from OTS or SLA \$1.10 62-33210

Trans. of Akademiya Nauk SSSR. Doklady, 1956,
v. 110 no. 1, p. 102-104.

DESCRIPTORS: *Switching circuits, Circuits,
*Electrical networks, Synthesis, Special functions,
Theory.

Certain theorems on the construction of $(1, k)$ -terminal
switching networks are explained. These
theorems permit the number of switches in $(1, k)$ -
terminal switching networks to be estimated for
large k . (See also 62-11409) (Author)

(Engineering--Electrical, TT, v. 8, no. 10)

62 33210

I. Povarov, G. N.
II. MDF P-127
III. Friedman, Morris D., Inc.,
West Newton, Mass.

Office of Technical Services

Boltyanskiy, V.G., Gamkrelidze, R.V., and
Pontryagin, L.S.
ON THE THEORY OF OPTIMUM PROCESSES, tr. by
B. Lyssenko and G. F. Hill, 23 Dec 60 (7)p. 1 ref.
ARGMA Trans. no. 111-60.
Order from LC or SLAm \$1.80, ph \$1.80 61-15814

Trans. from Akademiya Nauk SSSR, Doklady, 1956,
v. 110, no. 1.

A general introduction is given to the study of optimum
processes.

(Engineering--Electronic, TT, v. 5, no. 12)

61-15814

1. Control systems--Theory
2. Control systems--
Mathematical analysis
- I. Boltyanskiy, V. G.
- II. Gamkrelidze, R. V.
- III. Pontryagin, L.S.
- IV. ARGMA Trans-111-60
- V. Army Rocket and Guided
Missile Agency, Redstone
Arsenal, Ala.

151931

Office of Technical Services

The Action of Radioactive Cobalt (^{60}Co). β - Radiation
on Proteins and Amino Acids, by H. A. Khenokh and E.
M. Lapinskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CX, No 1, 1956,
125-128.

SLA R-1981
ABC Tr 2886

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Diamagnetic Resonance in Strongly Magnetic Bodies,
by I. G. Dorfman, 3 pp.

RUSSIAN, per, ~~Doklady Akad. Nauk, SSSR~~, Vol CX,
No 2, 1956, pp 201-202.

S.L.A. Tr No R-329

Sci - Physics
Apr 57

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Ames Inst of Physics
Soviet Physics - Doklady
Vol CX
No 2

Infrared Asymptotic Form of the Green's Function
for Electrons to Order e^4 , by L. D. Solovlev, 4 pp.

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RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CX,
No # 2, 1956, pp 293-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 5

Sci - Physics
Aug 57

Relation Between Electric Conductivity and
Pressure for Polycrystalline Selenium at Pressures
up to 30 000 atm, by P. T. Kozuyrev, D. N.
Fasledov. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 2K, No 2,
1956, pp 207, 208.

Sci Mus Lib 57/4308

Sci - Chem
Sep 58

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Oxidation of Manganese Dissolved in Liquid
Iron, by B. V. Linchevskiy, A. M. Samarin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CM, No 2, 1956, pp 209-211.

Henry Bratcher
Tr No 3893
\$2.50

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Sci - Chemistry; Min/Metals
Mar 1957 CTS/dex

The Simultaneous Determination of Oxygen and
Halides (Chlorine, Bromine, and Iodine) in
Organic Compounds, by M. O. Korshun, B. A.
Bomdarsvskaya, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CX,
No 2, Sep/Oct 1956, pp 220-222.

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Sci - Chem

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Dec 57

Condensation of Aldehydes With Acetic Anhydride
in the Presence of Boron Acetate, by V. K. Kuehov,
4 pp.

RUSSIAN, per, thrice-no, Dok Ak Nauk SSSR, Vol CX,
No 9, Sep/Oct 1956, pp 223-225

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Sci - Chem

56, 663

Dec 57

A Synthesis of Alicyclic 2,3-Diketones Derived from
Mono- and Diarylidencyclohexenones, by M. N. Tili-
chenko, V. G. Kharchenko, 4 pp.

RUSSIAN, per, Thrice-mo, Dok Ak Nauk SSSR, Vol 61,
No 2, Sep/Oct 1956, pp 226-229.

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Sci - Chem

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Transformations of Ortho- and Para-Nitrotoluenes in
Alkaline Medium, by M. M. Shchukina, G. S. Predvoditeleva,
5 pp.

RUSSIAN, thrice-to per, Dokl Ak Nauk SSSR. Vol 61,
No 2, Sep/Oct 1956, pp 230-234.

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Sci - Chem

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Reverse TRANS to French
by OTS 62-26917

Effet Isotopique Dans L'Equilibre Liquide-Vapeur De
Systemes Binaires Renfermant Des Composes Deuterés.
(Isotopic Effect in the Liquid-Vapor Equilibrium of
Binary Systems Containing Deuterated Compounds),
by I. B. Rabinovich (Rabinovitch), P. N. ~~XXXXXXXX~~
Nikolayev, Z. E. Gochaliyev (Gotchaliev), N. N.
Tretyakova (Tretiakova), 10 pp.

FRENCH from ~~XXXX~~ RUSSIAN, per, Dok Akad.Nauk SSSR,
Vol CX, 1956, pp 241-244.

Reverse Translation
AEC/CEA-Tr-R243

On a Problem of Finite Span Wing Theory, by S.
S. Grigorian, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CX, No 3,
1956, pp 348-350.

Morris D. Friedman

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Sci

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To a Macroscopic Theory of Superconductivity
Suitable at All Temperatures, by V. L. Ginzburg,
7 pp.

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RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 158, No 3,
1956, pp 358, 361.

SLA TR R-678

Sci - Electricity

Aug 57

3-0, 631
Ames Inst. of Physics
Soviet Physics - Doklady
Oct 1, 1956
Vol. 1, No. 10

Exchange Interaction on Certain Paramagnetics,
by S. K. G. Kashayev, 5 pp.

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No 3, 1956, pp 362-365.

S.L.A. Tr R-423

Sci - Electronics
May 57

48,742

Wendell K. ...

*Ann. Inst. of Physics
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Vol. 1, No. 3
pp. 5, 6*

On the Isotope Shift in the Spectrum of
Neodymium, by F. A. Korolev, Yu. I. Osipov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CX,
No 3, 1956, pp 365-

Amer Inst of Phys
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Vol I, No 5

Sci - Physics
Aug 57

Dispersion Relations for the Photoproduction of
Pions, by A. A. Logunov, B. M. Stepanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CX,
No 3, 1956, pp 368-

Amer Inst of Phys
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Vol I, No 5

Sci - Physics
Aug 57

On Thermal Agitation in Distributed Systems, by
S. M. Rytov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CX,
No 3, 1956, pp 371-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 5

Sci - Physics
Aug 57

Investigation of the Mechanisms of the Reaction of the
200-250° Fraction of Hard Petroleum by Means of Urea,
by Kh. I. Arashidze, E. M. Bernshvili, 4 pp.

RUEBIAJ, Maurice-~~no per~~, ~~Don Ak Bank BCSR~~, Vol 03,
No 3, Sep/Oct 1956, pp 387-389.

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Det - Cheri

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Doc 57

The Mechanism of the Trans Effect, by S. S. Batsanov.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CX, No 3,
1956, pp 390-392.

Assoc Tech Sv *TR*

\$5.75

Sci - Chemistry
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ATS-415R *RJ-780*

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The Application of Hammett's Equation to Organic Compounds of Elements. The Ionization Constants of Phosphorus Acids, by M. I. Kabachnik.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CX, No 3, 1956, pp 393-396.

Journal of Chem. Soc.
T.I.L. Tr 4782

Sci - Chemistry
Jun 57

48, 848

TF-62-28165

Bogacheva, L.A.
PROPRIÉTÉS RÉDUCTRICES ET OXYDANTES DE
L'HYDROGÈNE ATOMIQUE DIFFUSANT À LA SUR-
FACE D'ÉLECTRODES POLARISÉES BAIGNANT DANS
DES SOLUTIONS ALCALINES (Vosstanovitelnye i
Oksiditelnye Svoistva Diffundiruyushchego Atomitnogo
Vodoroda Na Poverkhnosti Poliarizovannogo Elektroda
v Shereshchnykh Rastvorakh) (Redox Properties of
Diffusing Atomic Hydrogen on the Surface of a Polarized
Electrode in Alkaline Solutions). 12p. (foreign text
included) refs. CNRS-VIII bis 402.
Order from OTS, ETC or CNRS \$1.00 TF-62-28165

Trans. in English of Akademika Nauk SSSR, Doklady,
1956, v. 110, no. 3, p. 397-400.

DESCRIPTORS: *Electrodes, *Polarization, Alkaline
cells, Hydrogen, Atoms, *Oxidation, Iron, Diffusion,
Oxidation-reduction reactions.

(Chemistry--Physics, TF, v. 11, no. 8)

I. Bogacheva, L.A.
II. CNRS-VIII bis 402
III. Centre National de la Recherche
Scientifique, Paris

Office of Technical Services
European Translation Centre

The Chemistry of Active Molecules Arising^S
from Mechanical Degradation of Polymers,
by A. A. Berlin.

RUSSIAN,

per, Dok Ak Nauk SSSR, Vol CX, No
3, 1956, pp 401-403.

ASLIB-GB39

SLA 60-10057

Sci

Aug 58

72,484

Structure of Adsorbates of Mg-Phthalocyanin on
MgO, Al₂O₃, ZnO, Glass and Their π Fluorescence,
by V. F. Gachkovskiy, 5 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol CX, 1956, pp 408-410.

SLA R-1351

May 58

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Trapa L. Pollen in Tertiary Deposits of the
Enisei Mountains, by P. A. Popov.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol CX, No 3,
1956, pp 453-456.

Assoc Tech Sv
\$6.50 Tr RJ-759

Sci - Geophysics
Aug 57

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47J15R

Aleksandrov, V. Ya. and Arronet, N. I.
 ADENOSINETRIPHOSPHATE CAUSES MOVEMENT OF
 THE CILIA OF CILIATED EPITHELIUM KILLED BY
 EXTRACTION WITH GLYCEROL ("CELL MODEL")
 (Adenozintrifosfat Vysyvayet Drizheniye Resnichek
 Mertsatel'nogo Epiteliya, Ubitogo Glitserinovoy
 Ekstraktel'ey ("Kletchnaya Model")). Apr 61 [6]p.
 12 refs. RTS 1792.
 Order from OTS or SLA \$1.10 61-19673

Trans. of A[kademiya] N[auk] SSSR Doklady, 1956,
 v. 110, no. 3, p. 467-469.

DESCRIPTORS: *Adenosine phosphates, *Cells(Biology),
 Motion, *Tissues(Biology)

(Biological Sciences--Biochemistry, TT, v. 6, no. 1)

61-19673

1. Title: Cilia
2. Title: Cell model
1. Aleksandrov, V. Ya.
- II. Arronet, N. I.
- III. RTS-1792
- IV. Department of Scientific
and Industrial Research
(Gx. Brit.)

161810

Office of Technical Services

Pleuston Biocenosis of Siphonophora by
A. Savilov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CX,
No 3, 1956, pp 476-479.
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GCI E57 No 51,

SLA TT-65-64366

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DESCRIPTORS: *Petroleum, *Oils, Gases, Production,
Viscosity, Analog systems, Determination.

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Trans. of Akademiya Nauk SSSR. Doklady, 1956,
v. 110 [no. 4] p. 589-592.

DESCRIPTORS: *Minerals, *Oxides, *Oxygen, *Carbon
dioxide, *Exchange reactions, Radioactive isotopes,
Isotopes, Powders, Temperature, Silicon compounds,
Aluminum compounds, Manganese compounds, Iron
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Trans. of Akademiya Nauk SSSR, Doklady, 1956,
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DESCRIPTORS: *Electrochemistry, *Polarographic
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Salts, Chemical reactions, Electrolysis, Reduction,
Catalysis, Mercury electrodes.

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of benzosulfonate N-methylpyridine, iodides of
N-ethylpyridine and N-isopropylpyridine, benzosulfo-
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N-methyl- γ -ethylpyridine and iodized N-isopropyl- α ,
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DESCRIPTORS: Liquids, *Liquid filters, Permeability,
Viscosity, Petroleum, Sources, *Fluid mechanics,
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